09/747999 12/37/00 (Class Spodass) (SSUE CLASSIROATION	U.S. UTILI T				·:		19761 19761	
JC. 900 O.I.P.E. PATENT DATE SCANNED FEB 2 6 2002								
APPLICATION NO. 09/747999	OR CLASS S	UBCLASS /5/	1		EXAMINER MCKINNON)			
Min-Sheng Liu Chi-Chung Wang Jane-Sunn Liaw Yu-Juei Chang							. 3 .	
Fin-tube heat e	xchanger with	vortex	genera	itor			PTO-2040	
,			·.,	2			12/99	
ISSUING CLASSIFICATION								
ORIGINAL	No. 1990							
CLASS SUBCLASS	S CLASS	NE SUBCL	SUBCLASS PER BLOCK)					
165 151	757 773		181	<u> 15:503</u>				
INTERNATIONAL CLASSIFICATI	ION	 				+-+		
F280 1/04		₩	•	-			:	
		₩	-					
	<u> </u>	-				-		
		-		Continued o	n Issue Siin	Inside File Ja	cket	
1/21/21	Formal Drawings (// abto) a	<u>-</u>			7 /02	onot	
12//2	ı		et_/	/	2/21	7700		
TÉRMÍNAL DISCLAIMER		DRAWINGS			CLAIMS ALLOWED			
	11	المما	Print Fig.	Total C	otal Claims Pri		rint Claim for O.G.	
	[[21	12		. 7		,	
☐ The term of this patent	Land.	11/12/	NOTIC	NOTICE OF ALLOWANCE MAILED				
subsequent to(date) TENTE TS TWO W TO								
The term of this patent shall not extend beyond the expiration date Henry Bennett 11 23 07								
not extend beyond the expiration date of U.S Patent. No	atent Exemi	er			JE FEE	6/1		
	1	2 ioup 2700			Amount Due Date Paid			
						1.11	00	
	(Primpy Examiner) (Osie) \$ 280 or - - - - - - - - -							
The terminalmonths of this patent have been disclaimed. (Lage Informerits Examing) (Carle)								
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 388.								
Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.								
Form PTO-436A (Rev. 6/99)		F	ILED WITH	: DISK	(CRF)	FICHE	CD-ROM	
						Itached in pocket o	rigra inside πέφ)	
Formed Drawings (ship) set ISSUE FEE IN FILE								
		(FACE)					in) s	